

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1-8. (Canceled)

9. (Currently Amended) A wearable medicine dispenser device, comprising:

a piston rod to force medicine from the device;

a drive mechanism to advance the piston rod, the drive mechanism comprising a pawl and a driven member, the pawl positioned to engage one or more teeth of the driven member, wherein the pawl is adjustable between a reset position and a forward position to incrementally advance the driven member; and

a rotational motor coupled to the pawl so that the pawl is at least partially adjusted toward one of the reset position or the forward position in response to one or more full rotations of the rotational motor.

10. (Previously Presented) The wearable medicine dispenser device of claim 9, further comprising an elongate string member coupled to the pawl and coupled to the rotational motor.

11. (Previously Presented) The wearable medicine dispenser device of claim 10, wherein one or more full rotations of the rotational motor causes the string member to act upon the pawl.

12. (Previously Presented) The wearable medicine dispenser device of claim 10, wherein the pawl comprises a pivotable body.

13. (Previously Presented) The wearable medicine dispenser device of claim 10, wherein the elongate string member comprises a flexible element selected from the group consisting of: a string, a filament, a strip, and a ribbon.

14. (Previously Presented) The wearable medicine dispenser device of claim 9, further comprising a bias member coupled to the pawl to urge the pawl toward the forward position and incrementally advance the driven member.

15. (Previously Presented) The wearable medicine dispenser device of claim 14, wherein the rotational motor pivots the pawl toward the reset position in response to one or more full rotations of the rotational motor.

16. (Previously Presented) The wearable medicine dispenser device of claim 9, further comprising a housing that defines a cavity to receive a medicine container.

17. (Previously Presented) The wearable medicine dispenser device of claim 16, wherein the piston rod is advanced toward the medicine container when the medicine container is received in the cavity.

18. (Previously Presented) The wearable medicine dispenser device of claim 9, further comprising a control circuit device to repeatedly reverse the direction of rotation of the rotational motor.

19. (Previously Presented) The wearable medicine dispenser device of claim 9, wherein the driven member is a ratchet wheel.

20. (Previously Presented) The wearable medicine dispenser device of claim 19, wherein the pawl is adjustable to the reset position in which the pawl is retracted away from one or more teeth of the ratchet wheel.

21. (Previously Presented) The wearable medicine dispenser device of claim 9, further comprising linearly displaceable plate coupled to the pawl and coupled to the rotational motor.

22. (Previously Presented) The wearable medicine dispenser device of claim 21, wherein one or more full rotations of the rotational motor causes the linearly displaceable plate to act upon the pawl.

23. (Previously Presented) A wearable medicine dispenser device, comprising:

- a piston rod to force medicine from the device;

- a drive mechanism to advance the piston rod;

- an elongate string member coupled to the drive mechanism; and

- a rotational motor coupled to the string member so that one or more full rotations of the rotational motor causes the string member to adjust the drive mechanism to advance the piston rod.

24. (Previously Presented) The wearable medicine dispenser device of claim 23, wherein the drive mechanism comprising a pawl and a driven member, the pawl positioned to engage one or more teeth of the driven member to incrementally advance the driven member.

25. (Previously Presented) The wearable medicine dispenser device of claim 24, wherein the pawl comprises a pivotable body that is connected with the elongate string member.

26. (Previously Presented) The wearable medicine dispenser device of claim 25, wherein the one or more full rotations of the rotational motor twists the string member and causes the string member to pull upon the pivotable body to thereby adjust the pawl relative to the driven member.

27. (Previously Presented) The wearable medicine dispenser device of claim 23, further comprising a housing that defines a cavity to receive a medicine container.

28. (Previously Presented) The wearable medicine dispenser device of claim 27, wherein the piston rod is advanced toward the medicine container when the medicine container is received in the cavity.

29. (Previously Presented) The wearable medicine dispenser device of claim 23, wherein the driven member is a ratchet wheel.

30. (Previously Presented) The wearable medicine dispenser device of claim 29, wherein the pawl is positioned to engage one or more teeth of the ratchet wheel so as to incrementally rotate the ratchet wheel in a driving direction.

31. (Previously Presented) The wearable medicine dispenser device of claim 30, further comprising a second pawl positioned to engage the one or more teeth of the ratchet wheel to inhibit rotation of the ratchet wheel opposite the driving direction.

32. (Previously Presented) The wearable medicine dispenser device of claim 23, wherein the elongate string member comprises a flexible element selected from the group consisting of: a string, a filament, a strip, and a ribbon.

33. (Previously Presented) The wearable medicine dispenser device of claim 23, wherein the string member comprises a loop such that the one or more full rotations of the rotational motor twists the loop.

34. (Previously Presented) The wearable medicine dispenser device of claim 23, further comprising a control circuit device to repeatedly reverse the direction of rotation of the rotational motor.

35. (Currently Amended) A wearable medicine dispenser device, comprising:

- a housing that defines a cavity to receive a medicine container;
- a piston rod movable in a forward direction toward the medicine container when the medicine container is received in the cavity;
- a drive mechanism to advance the piston rod in the forward direction, the drive mechanism comprising a pawl and a ratchet wheel, the pawl positioned to engage one or more

teeth of the ratchet wheel, wherein the pawl is pivotable between a reset position and a forward position to incrementally advance the ratchet wheel;

a bias member coupled to the pawl to urge the pawl toward the forward position to incrementally advance the driven member.

an elongate string member coupled to the pawl; and

a rotational motor coupled to the string member so that one or more full rotations of the rotational motor causes the string member to twist and thereby urge the pawl toward the reset position.

36. (Previously Presented) The wearable medicine dispenser device of claim 35, wherein the driven member is a ratchet wheel.

37. (Previously Presented) The wearable medicine dispenser device of claim 36, further comprising a second pawl positioned to engage the one or more teeth of the ratchet wheel to inhibit rotation of the ratchet wheel opposite the driving direction.

38. (Previously Presented) The wearable medicine dispenser device of claim 35, wherein the elongate string member comprises a flexible element selected from the group consisting of: a string, a filament, a strip, and a ribbon.

39. (Previously Presented) The wearable medicine dispenser device of claim 35, wherein the string member comprises a loop such that the one or more full rotations of the rotational motor twists the loop.

40. (Previously Presented) The wearable medicine dispenser device of claim 35, further comprising a control circuit device to repeatedly reverse the direction of rotation of the rotational motor.

41. (Previously Presented) A method of dispensing liquid medicine, comprising:

in a dispensing cycle, rotating a motor one or more full revolutions in a first rotational direction to twist or untwist a string member and thereby adjust a ratchet mechanism coupled to a piston rod, wherein the adjustment of the ratchet mechanism incrementally advances the piston rod in a forward direction to force medicine from a wearable medicine dispenser device; and

in a next dispensing cycle, rotating the motor one or more full revolutions in an opposite, second rotational direction to twist or untwist the string member and thereby adjust the ratchet mechanism coupled to the piston rod, wherein the adjustment of the ratchet mechanism incrementally advances the piston rod in the forward direction to force medicine from the wearable medicine dispenser device.

42. (Previously Presented) The method of claim 41, wherein the ratchet mechanism comprises a pawl and a driven member, the pawl being positioned to engage one or more teeth of the driven member to incrementally advance the driven member.

43. (Previously Presented) The method of claim 42, wherein the pawl comprises a pivotable body that is connected with the string member, said rotating of the motor twists the string member and causes the string member to pull upon the pivotable body to thereby adjust the pawl relative to the driven member.

43. (Previously Presented) The method of claim 41, wherein the wearable medicine dispenser device comprises a housing that defines a cavity to receive a medicine container, the piston rod being advanced in the forward direction toward the medicine container when the medicine container is received in the cavity.